



KEY INSTANT RECALL FACTS

STAGE: 4

Spring 1

I know the multiplication and division facts for the 12 times table.

By the end of this half term, children should know the following facts. The aim is for them to recall these facts **instantly**.

$12 \times 1 = 12$ $1 \times 12 = 12$ $12 \div 12 = 1$ $12 \div 1 = 12$

$12 \times 2 = 24$ $2 \times 12 = 24$ $24 \div 12 = 2$ $24 \div 2 = 12$

$12 \times 3 = 36$ $3 \times 12 = 36$ $36 \div 12 = 3$ $36 \div 3 = 12$

$12 \times 4 = 48$ $4 \times 12 = 48$ $48 \div 12 = 4$ $48 \div 4 = 12$

$12 \times 5 = 60$ $5 \times 12 = 60$ $60 \div 12 = 5$ $60 \div 5 = 12$

$12 \times 6 = 72$ $6 \times 12 = 72$ $72 \div 12 = 6$ $72 \div 6 = 12$

$12 \times 7 = 84$ $7 \times 12 = 84$ $84 \div 12 = 7$ $84 \div 7 = 12$

$12 \times 8 = 96$ $8 \times 12 = 96$ $96 \div 12 = 8$ $96 \div 8 = 12$

$12 \times 9 = 108$ $9 \times 12 = 108$ $108 \div 12 = 9$ $108 \div 9 = 12$

$12 \times 10 = 120$ $10 \times 12 = 120$ $120 \div 12 = 10$ $120 \div 10 = 12$

$12 \times 11 = 132$ $11 \times 12 = 132$ $132 \div 12 = 11$ $132 \div 11 = 12$

$12 \times 12 = 144$ $12 \times 12 = 144$ $144 \div 12 = 12$ $144 \div 12 = 12$

Key Vocabulary

What is 12 **multiplied by** 6?

What is 12 **times** 12?

What is 72 **divided by** 12?

They should be able to answer these questions in any order, including missing number questions e.g. $12 \times \bigcirc = 96$ or $\bigcirc \div 12 = 11$.

Top Tips

The secret to success is practising **little** and **often**. Use time wisely. Can you practise these KIRFs while walking to school or during a car journey? You don't need to practise them all at once: perhaps you could have a fact family of the day. If you would like more ideas, please speak to your child's teacher.

Songs and Chants – You can buy Times Tables CDs or find multiplication songs and chants online. If your child creates their own song, this can make the times tables even more memorable.

Double your sixes – Multiplying a number by 12 is the same as multiply by 6 and then doubling the answer. $6 \times 4 = 24$ and double 24 is 48, so $12 \times 4 = 48$.

Use memory tricks – For those hard-to-remember facts, www.multiplication.com has some strange picture stories to help children remember.